



Model Development Phase Template

Date	10 July 2024	
Team ID	SWTID1720001058	
Project Title	Panic Disorder Detection	
Maximum Marks	4 Marks	

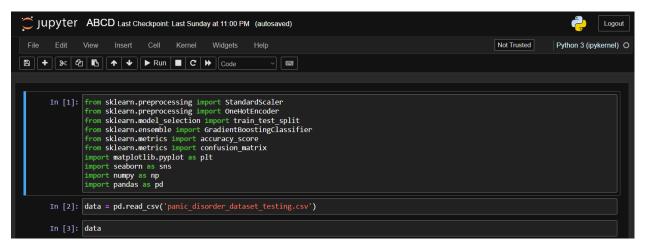
Initial Model Training Code, Model Validation and Evaluation Report

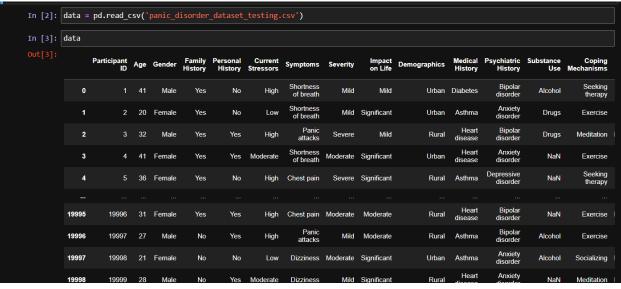
The initial model training code will be showcased in the future through a screenshot. The model validation and evaluation report will include classification reports, accuracy, and confusion matrices for multiple models, presented through respective screenshots.

Initial Model Training Code:













Model Validation and Evaluation Report:

Model	Classification Report	Accuracy	Confusion Matrix
AdaBoost	i print(classification_report(y_test,predz)) precision recall f1-score support 0 0.96 0.99 0.97 19181 1 0.13 0.09 0.60 819 accuracy 0.95 0.95 200000 marro avg 0.55 0.51 0.52 20000 weighted avg 0.93 0.95 0.94 20000	[print("accuracy of Adaboost model", accuracy_score(y_test, pred2)) accuracy of Adaboost model: 0.94960	confusion_matrix(y_test,pred3) array([[19180, 1], [819, 0]], dtype=int64)
Random Forest		c str (accuracy_score(y_test,pred)* sst) > ' X' + ' percentage' '95:88 X percentage'	: confusion_matrix(y_test,pred2) : array([[18960, 221],
Regression	precision recall fi-score support 0 1.00 1.00 1.00 1.00 19159 1 1.00 0.99 0.99 841 accuracy 1.00 1.00 1.00 20000 weighted avg 1.00 1.00 1.00 20000 weighted avg 1.00 1.00 1.00 20000	str(accuracy_score(test_y,pred_y)* 100) 90.56	: confusion_matrix(y_test,pred) : array([[19171, 10],



